

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 Hurricane Sandy - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region II

**Subject:** SITREP #39  
 Operations Continue  
 Hurricane Sandy

Edison, NJ  
 Latitude: 40.4494047 Longitude: -74.4379073

**To:** Michael Hoppe, USEPA Region 02, ERRD-RPB

**Thru:** REOC Regional Incident Coordinator  
 Eric Mosher

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**From:** REOC Situation Unit Leader,  
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**Date:** 12/7/2012

**Reporting Period:** 0700 hrs 12/7/12 thru 1900 hrs 12/7/12

**Executive Summary**

**Executive Summary**

All assessment and recovery operations in New Jersey have been completed. In addition, EPA involvement at the MCUA wastewater treatment plant has concluded. Activities continued at the PVSC facility, and are expected to be completed by December 14, 2012. All containers located at the Lakewood Staging Pad have been characterized and EPA has expedited the bulking and packaging of materials. It is anticipated that all activities at the Lakewood Staging Pad will be completed by December 21, 2012.

Recovery teams in NYC continued removing HHW and orphaned containers throughout Staten Island, Brooklyn, and Queens. All HHW is to be placed curbside in the three Boroughs by December 9, 2012. EPA is anticipating on completing the collection of curbside HHW in NYC on December 14, 2012.

Boat operations continued in the marshes located in South Oyster Bay in Nassau County. Materials continued to be collected from this sensitive ecosystem. Land-based crews in Suffolk County continued to collect curbside HHW and retrieve containers identified from aerial reconnaissance missions.

Materials packaged at the staging locations, Riis Park (Queens), Fresh Kills (Staten Island), Nickerson Beach (Nassau), and Babylon (Suffolk), continued to be shipped off-site for disposal, recycling, and reuse purposes.

EPA involvement in other debris issues within NYC continues to fluctuate. EPA will no longer be involved in air monitoring/sampling during private property debris removal activities (home demolition). EPA is still expected to remove oil and HHW from the properties when this operation will occur. NYC and ACE continue to determine whether the burning of non-processed vegetative debris will be conducted. Should the burning occur, EPA may be expected to perform air monitoring for the duration of the project, estimated to be approximately four months.

Situation Reports will be generated on December 10, 12, 14, 21, and 28, 2012. Following this, SITREPS will be generated every Friday.

The total number of containers of hazardous materials collected in NY and NJ to date is 103,664.

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> Stafford Act	<b>Response Type:</b> Emergency
<b>Response Lead:</b> FEMA	<b>Incident Category:</b> Removal Action
<b>NPL Status:</b> Non NPL	<b>Operable Unit:</b>
<b>Mobilization Date:</b> 10/29/2012	<b>Start Date:</b> 10/29/2012
<b>Demob Date:</b>	<b>Completion Date:</b>
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>

**1.1.1 Incident Category**

Hurricane Disaster Response

### 1.1.2 Site Description

#### 1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic. Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester, and Suffolk. On November 14, 2012 FEMA declared an additional 4 counties eligible for Individual and Public Assistance: Orange, Putnam, Sullivan, and Ulster.

#### 1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments at Removal and Remedial Sites were conducted by RPMs, OSCs, and other agency personnel. Any issues at sites as a result of Hurricane Sandy have been resolved.

### 1.2 Incident Objectives

#### Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

### 1.3 Critical Resource Needs

#### Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing needs.

### 1.4 Strategic Considerations

#### Strategic Considerations

- 1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.
- 2) Ensure staffing adjustments meet current operational needs.
- 3) Provide direct work and/or technical support to collect HHW.
- 4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.
- 5) Coordinate efforts with States to identify needs and resolve issues.
- 6) The PVSC and MUCA waste water facility responses are a high priority.
- 7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.
- 8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.
- 9) Support the regional and national public affairs needs to provide effective messaging.

## 2. Current Activities

### 2.1 Operations Section

#### DIVISION NEW JERSEY

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on November 3, 2012. On November 5, 2012, FEMA declared all remaining New Jersey counties eligible for Public Assistance.

#### NEW JERSEY RESPONSE ACTIONS

EPA has completed all response and recovery activities in New Jersey. Operations continued to provide support to the Passaic Valley Sewerage Commission (PVSC) in Essex County and the Lakewood Collection Pad in Ocean County.

### Wastewater Facilities (NJ)

#### Passaic Valley Sewerage Commission (PVSC)

PVSC continues to work on the repair and/or replacement of equipment and electrical systems throughout the facility, and is making significant progress towards restoration of the facility's pre-storm removal efficiencies. PVSC continued to meet its effluent TSS permit requirements.

Due to their continuing ability to bring the facility's dewatering capabilities back on-line, PVSC requested Synagro to discontinue operation of three of the ten mobile centrifuges on December 7, 2012. An additional three mobile centrifuges will be discontinued on December 8, 2012.

Power-washing operations being conducted by EPA's ERRS contractor continue. These activities are being conducted in coordination with PVSC to augment PVSC's cleanout of the impacted tunnels and basements as a means of re-energizing pumps, motors, and electrical systems. ERRS will continue power-washing operations in coordination with PVSC personnel until December 14, 2012.

#### Middlesex County Utility Authority (MCUA)

On December 6, 2012, ongoing steam-washing activities at the Sayreville Relief Pump Station (SRPS) were completed. As of December 7, 2012 contractors have demobilized equipment from site.

**Pumping Status:** MCUA continues to take all measures to minimize pumping to the Washington Canal (a tributary of the Raritan River System). Despite all best efforts, two pumps discharged to the canal on December 5, 2012:

- Pump #1 discharged from 2140 to 0140 EST. (4h00m); and
- Pump #2 discharged from 2300 to 0110 EST. (2h10m);

The first Sayreville station pump was installed in the Original Sayreville Pump Station (OSPS) on December 7, 2012. This pump will provide a more permanent 40 MGD flow capacity in the system.

### **Mitigation Team (NJ)**

In Ocean County, an EPA team continued operations at the Lakewood Pad. The on-site ERRS crew completed documentation and classification of all existing materials on the pad by hazardous characterization and has finished sampling all liquid and unknown drums. Samples were delivered for laboratory analysis on December 7, 2012. The on-site ERRS crew continued cutting of empty drums.

New Jersey Hazardous Waste Summary *						Operational Period: 12/07/2012		
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Edison Staging Area**	0	0	0	0	0	0	0	56
Lakewood Staging Area**	0	0	0	0	0	0	0	247
Vineland Container Storage Facility**	0	0	0	0	0	0	0	24
<b>Daily Total</b>	<b>0</b>							
<b>Cumulative Total</b>	<b>327</b>							

\* All Counts Based on Initial Intake Locations. \*\* Staging areas are no longer collecting/managing HHW.

### **NEW YORK RESPONSE ACTIONS**

Flyers distributed by community involvement coordinators (CICs) originally stated that curbside collection in NYC would be completed by December 2, 2012. Recovery crews collected a significant amount of volume following this deadline. New flyers have been distributed throughout NYC by CICs with a new date of December 9, 2012. Following this date, no additional curbside collection of HHW in NYC is anticipated.

### **Assessment Teams (NY)**

Two EPA assessment teams conducted reconnaissance and recovery of HHW and orphaned containers in Sea Gate on the west end of Coney Island.

On December 6, 2012 one EPA team participated in assessment and recovery operations in locations around North Brother Island and the East River in Bronx. The team continued assessment and recovery operations of locations in the areas of Gardiner County Park in Suffolk County and in Patchogue, Long Island on December 7, 2012. The team recovered various hazmat and HHW.

On December 6, 2012, a second EPA team deployed to nine locations in the areas of Rockaways, Jones Beach, and Long Beach. The team assessed and closed seven of the locations but did not recover any material. One item (EPA-T58-B-121130-001) was inaccessible by foot/motor vehicles and will require boat ops to close. On December 7, 2012, operations were suspended for this team.

### **Boat Operations**

An additional three EPA assessment teams performed reconnaissance and recovery operations by boat in the Hempstead Bay, Jamaica Bay, and South Oyster Bay (Nassau County) areas. The teams and their activities are listed in detail below:

- On December 6 and 7, 2012, one EPA team performed assessment and recovery operations in Lido Beach, closing several target locations. The team assessed a large area in Hempstead Bay and discovered and retrieved a 500-gal home heating oil tank in addition to various HHW and hazmat. On

December 6, 2012, the team discovered a washed up vessel on an island beach not yet seen by Coast Guard. NY2422UY (40.61242, -73.63072).

- On December 6 and 7, 2012, a second EPA team performed assessment and recovery operations in the Bay Park area of Jamaica Bay, closing several target locations. The team recovered numerous hazmat ranging from 55-gal drums to smaller HHW.
- On December 6 and 7, 2012, a third EPA team performed assessment and recovery operations in South Oyster Bay in Nassau County, closing several target locations. The team recovered numerous hazmat and HHW.

#### **NYC Debris Management Plan**

An estimated 170,000 cubic yards of non-processed woody debris has been accumulated within various parks in NYC and staged at Floyd Bennett Field. Additional material continues to be collected by NY Parks. The ACE has requested a variance to burn the material in air curtain burners and has generated a phased scale-up plan in anticipation of receiving the approval. It is hoped that operations will commence on December 17, 2012 with the burning of 900 cubic yards per day until December 24, 2012. A second air curtain burner would be brought in December 26, 2012 and burning will occur in both units, with a new disposal rate of 1,800 cubic yards total per day. A third air curtain burner would be brought in on January 7, 2013, generating a disposal rate of 2,700 cubic yards total per day. With three units operating, it is anticipated that all woody debris would be consumed by March 1, 2013. As a contingency, a fourth unit will be made available to supplement the process should target volume not be consumed. As a contingency to the variance not being received, the woody debris would be ground to appropriate size, minus 1-inch in two dimensions, to meet quarantine criteria relating to the Asian Longhorn Beetle.

There is approximately 120,000 cubic yards of shredded chips, most of which is located at Floyd Bennett Field (110,000 cubic yards). All secondary chipping has stopped. The NY Department of Agriculture has released the 65,000 cubic yards of re-chipped material from the quarantine zone. This material is now authorized to be transported to Burlington County Solid Waste Facility in NJ to be utilized as landfill cover. The remaining unprocessed chips have not been released by Department of Agriculture and remain regulated under the Asian Longhorn Beetle quarantine requiring additional grinding.

At Riis Park, sand continued to be trammed and transported for beach replenishment activities throughout NYC. An issue with the Sanitation Department of NY dumping spoils collected from storm drains near the EPA HHW pad was elevated to senior management at DSNY.

Vehicles and vessels damaged or abandoned continue to be removed from the streets and stored in temporary locations. Out of the 3,128 vehicles, approximately 1,000 have been returned to owners or insurance companies. EPA is also providing advice on the removal of nearly 30 boats that are wrecked in Jamaica Bay.

EPA's involvement with the Private Property Debris Removal continues to change. Currently, EPA will not be conducting air monitoring/sampling activities during the demolition of approximately 450 homes (200 in Queens, 200 in Staten Island, and 50 in Brooklyn). This number continues to fluctuate depending on the corresponding agency. EPA is still planning on conducting the removal of HHW and oil from the properties during the demolition process.

#### **Brooklyn HHW Collection**

Collection continued in areas between the Sea Gate community and Brighton Beach on December 6, 2012 and within the flooded areas west of Gerritsen Ave., south of Shell Bank Creek. HHW collection continued on December 7, 2012, progressing in an area north of Shell Bank Creek and including the Bergen Beach communities.

#### **Queens HHW Collection/Jacob Riis Park**

The Jacob Riis Park staging area continued to receive HHW from curbside pickup crews. EPA recovery teams continued HHW curbside collection activities in storm affected areas of the Rockaways and northeast Jamaica Bay.

The proposed enlargement and reorganization of the pad to accept material from drive-in drop offs has been completed. The public HHW drop off program will begin on Monday, December 10.

On December 6, 2012, the on-site ERRS crew completed sampling of 26 unknown drums in Level B PPE. Samples were documented and classified by hazardous characterization. On December 7, 2012, a shipment of flammable liquids waste (consisting of 26 fibre boxes containing 13,000 lbs of material) was transported off-site to United Industrial Services in East Chicago, IN.

On December 5, 2012, FOSC alerted representatives from NPS of an adjacent ongoing dumping by NY DEP of spoils from their storm drain cleanout program. The water had been pooling up and there was a mound of solids, which may be a potential source of contamination to other storm drains in the area and may pose a risk to humans and wildlife through direct contact. The on-site OSC alerted representatives from NPS on December 5, 2012. On December 7, 2012, NPS stated that the practice will cease, and NY DEP will begin removal of this pile.

Recovery teams continued street by street sweeps and contacting residents when available.

#### **Staten Island HHW Collection/Fresh Kills Landfill**

HHW and orphaned container staging, categorization, sampling, and packaging for off-site disposal at Fresh Kills continued. Two recovery teams collected HHW and orphan containers throughout Staten Island. The on-site ERRS crew prepared and staged full boxes of HHW for future off-site transportation and disposal. DSNY is picking up non-hazardous trash from site activities on a daily basis for disposal at their transfer station. Reclamation and recycling activities during the reporting period include the following:

- On December 5, 2012, three medical grade oxygen tanks were picked up for reclamation/recycling by Medical Gases Inc. located in Westbury, NY.
- On December 6, 2012, Exide Battery provided recycling of 2069 lbs of lead acid batteries.
- On December 7, 2012, Blue Rhino picked up 429 propane tanks (22 lb size) and three large propane cylinders for reclamation and recycling.

#### **Nassau County**

EPA continued to work with NYSDEC and local officials in responding to reports of orphaned containers primarily along the waterfront in Long Beach. The on-site ERRS crew continued bulking, packaging, and disposal of materials at the Nickerson Beach pad.

On December 6, 2012, one 30 cubic yard and one 20 cubic yard rolloff of empty containers and associated debris went to Cumberland County Landfill in Virginia. Additionally, 52 cubic yard boxes of latex were shipped to Bridgeport United Recycling in Bridgeport, CT.

#### **Suffolk County**

An EPA assessment team conducted orphaned container recovery in the storm affected areas of Babylon, Patchogue, and Islip. All materials recovered were transported to the Babylon staging pad. The Babylon pad continued documentation and classification of all existing materials on the pad by hazardous characterization and is actively segregating HHW. It is anticipated that HHW drop off operations at the Babylon pad will be suspended by close of business on

December 14, 2012.

New York Hazardous Waste Summary *								
Operational Period: 12/07/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	Location Cumulative Totals
Cedar Grove Staging Area**	0	0	0	0	0	0	0	284
Fr. Capadano Park, Staten Island**	0	0	0	0	0	0	0	7499
Fresh Kills Landfill Plant #1**	0	0	0	0	0	0	0	361
Fresh Kills Landfill Plant #2	0	8	1	0	0	190	199	5464
Islip Multipurpose Recycling Facility**	0	0	0	0	0	0	0	740
Jacob Riis Park, Queens, NY	0	15	7	0	0	806	828	24379
Nickerson Park	1	4	0	0	1	0	6	45055
Old Bethpage Landfill and Recycling Center**	0	0	0	0	0	0	0	5538
Patchogue WWTP**	0	0	0	0	0	0	0	565
Patchogue WWTP (Mastic Beach)**	0	0	0	0	0	0	0	1010
Riverhead Collection Area**	0	0	0	0	0	0	0	130
Port of Coeymans**	0	0	0	0	0	0	0	101
Venetian Shores Park	3	0	1	1	4	184	193	12211
<b>Daily Total</b>	<b>1226</b>							
<b>Cumulative Total</b>	<b>103337</b>							

Cumulative Hazardous Waste Summary *								
Operational Period: 12/07/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op-Period Totals	State Cumulative
New York	4	27	9	1	5	1180	1226	103337
New Jersey	0	0	0	0	0	0	0	327
Op-Period Totals	4	27	9	1	5	1180	1226	
Cumulative Totals	566	2385	1388	475	285	98565		
Daily Total	1226							
Grand Cumulative	103664							

\* All Counts Based on Initial Intake Locations. \*\* Staging areas are no longer collecting/managing HHW.

#### REGULATED FACILITIES

EPA has completed assessments of facilities regulated under SPCC, FRP, and RMP programs. Several facilities were found to be impacted by Hurricane Sandy and have been reported previously, such as Motiva, Phillips 66 Bayway, Alden Leeds, and Kinder Morgan Carteret. These facilities are currently being addressed by state and/or federal partners and need no additional EPA assistance at this time. No other facilities were found to be impacted needing EPA assistance. No further reporting of SPCC, FRP, and RMP facilities will be done unless significant operations or actions by EPA are required or requested.

The RCRA, LQG, PCB, Pesticides, and RCRA Corrective Action Groups have completed assessments and inspections of all identified facilities within the Hurricane Sandy operational area. Any issues or violations are being addressed through normal regional operations unless specified elsewhere in the SitRep.

#### DECA Information for (12/6/12 - 12/7/12) Situation Report

#### Underground Storage Tanks:

##### **Summary of DECA UST personnel in field on 12/06/12:**

3 Teams of 2 UST inspectors are in the field performing follow-up assessments in Nassau, Bronx, and Nassau County.

##### **Summary of DECA UST personnel in field on 12/07/12:**

3 Teams of 2 UST inspectors are in the field performing follow-up assessments in Nassau, Oyster Bay & Roslyn, and Nassau County.

##### **Summary of Site Assessments:**

**Up to 12/05/12:** Today's reporting reflects changes resulting from continuing QA/QC of the assessment data and use of data base for follow-up assessment reporting. 586 UST assessments were completed, 169 require follow up assessments and/or compliance inspections. Current assessments are follow-ups as reflected in revised reporting format. 90 follow-up assessments were performed as of 12/5/12.

**Up to 12/6/12:** Today's reporting continues to reflect changes resulting from continuing QA/QC of the assessment data for follow-up assessment reporting. 586 UST assessments were completed; 172 required follow up assessments and/or compliance inspections. Current assessments are follow-ups as reflected in revised reporting format. 126 follow-up assessments were performed as of 12/6/12.

Data base entry reflects 1 day lag which should be resolved by COB 12/10/12.

Cumulative (12/7/12)							
	NYC	Nassau	Suffolk	Westchester	Rockland	Upstate	Total

Follow Up Universe	51	97	5	6	2	11	173
Follow-Up Assessment Performed	50	76	0	0	0	0	126
Operating							
Yes	26	14					
No	5	9					
Spills	2	0					
Yes	5	0					
Unknown	3	14					
Performing Release Detection?							
Yes	28	3					
No/Unknown	3	10					

#### Air Major Facilities in NY:

Summary of DECA Air personnel in field on 12/6/12: 5 air inspectors were performing site assessments in Staten Island, Long Island City, Suffolk County.

Summary of DECA Air personnel in field on 12/7/12: 2 air inspectors were performing site assessments in Westchester County, NY and Queens, NY.

Summary of Air Facility Assessments: Up through 12/6/12

#### Scrap Yards

Summary of Scrap Yard Assessments in New York:

Universe	Visited	Sites in Violation	Require Further Investigation
24	13	7	4

Sites with Follow-up Underway:

Site Name	Location
Global Scrap Metal	Staten Island
John Francesco Scrap Inc.	Staten Island
J and J Recycling	Staten Island
A. Supino Inc.	Staten Island
Sims Metal East—LLC Queens Plant	Staten Island
Gershow Recycling of Brooklyn	Brooklyn
SIMS Bronx Metal Recycling	Bronx

Summary of CAA Majors/SM80 Assessments in New York:

Universe	Visited	Require Further Investigation
149*	109	0

\*Universe smaller because removed scrap yards from total

#### PCB Facility Information Updated December 6, 2012

ConEdison reports that 105 unconfirmed spills were managed as 50-499 ppm PCB to expedite clean-up. There were 4 confirmed PCB spills at > 50 ppm PCBs, all contained in Con Edison underground structures:

- (1) Seaview Ave @ 80 St, Brooklyn
- (2) Sheepshead Bay @ Voorhees Ave, Brooklyn
- (3) 104 Broad St, Manhattan
- (4) 85 Broad St, Manhattan

Long Island Power Authority had one PCB spill in Central Islip, NYSDEC # 1207652, when a poletop transformer came down during the storm. The poletop was field tested for PCBs and treated as TSCA waste when it came up positive. The spill of approx. 3 gallons of oil at 150 ppm PCBs and the surrounding soil (12 drums altogether) were cleaned up and the waste shipped to Veolia for TSCA disposal.

Orange and Rockland Electric Utilities, Inc. had two transformer oil spills from the storm which involved PCB contaminated oil:

- (1) 315 N. Shore Dr., Wurtsboro, Sullivan County, NY. NYSDEC Spill # 1208048. Two gallons spilled which tested at 89 ppm PCBs. Impact to asphalt and grass. Allstate Powervac performed a PCB cleanup by excavating grass area and cleaned road including a double wash/rinse procedure. Waste was disposed of at a TSCA PCB permitted TSDF.

- (2) East Crescent & Column Ct, Ramsey, Bergen County, NJ. NJDEP Spill # 11-12-11-0508-57 One gallon spilled which tested at 183 ppm PCBs. Impact to asphalt and soil. Allstate Powervac performed a PCB cleanup by excavating soil area and cleaned road including a double wash/rinse procedure. Waste disposed of at a TSCA PCB permitted TSDF.

NYS Electric & Gas reports that Hurricane Sandy spill debris associated with transformers that were older than 1980 was disposed of as TSCA-

regulated, PCB-contaminated waste. Yet, to date, no transformer oil test results are >50 ppm PCBs. They will notify DECA-PTSB-TS if a test result is >50 ppm PCBs.

## 2.2 Planning Section

### PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The utilization of FlexViewer continues to grow as more regulatory programs commence and continue assessments. EPA personnel working in various regional offices are able to view data, generate maps, and become aware of the Common Operating Picture. ASPECT imagery has been uploaded and is being used to determine additional areas of assessment for drinking water facilities, wastewater facilities, HHW reconnaissance points, orphaned container recovery efforts, location of EOCs, potential staging areas, etc. This imagery will also be used when assessments to determine changes of the NJ and NY coast lines commence.

### The Environmental Unit

#### 1. Floyd Bennet Field Perimeter Air Sampling (12/6/12 - 12/7/12)

The Environmental Unit continues to support the messaging of the evaluation of the validated data for PAHs, VOCs, and metals for pre-burn samples (collection date 11/19/2012) and test burn samples (collection date 11/28/2012). This task is being coordinated with the Air Programs Branch and Regional risk assessors.

#### 2. Demolition Activities (12/6/12)

The draft air sampling QAPP for potential demolition activities, such as the demolition of private property in NYC, is undergoing review by and by technical experts in DESA-MAB and the Air Programs Branch. The anticipated completion of this review is December 6, 2012.

#### 3. Demolition Activities (12/7/12)

The draft air monitoring/sampling QAPP for potential demolition activities, such as the demolition of private property in NYC has been reviewed by the EUL and will be further reviewed by Air Programs Branch. The request for EPA support on the demolition activities has been rescinded and there is no longer an apparent need for this QAPP; however, the Environmental Unit see that the review by APB is completed such that if the request status changes, the plan can be turned around immediately.

## 2.3 Logistics Section

### Logistics

On December 6, 2012, 11 vehicles were returned to GSA today from Edison. Some minor modifications were made to a few current hotel reservations and rooms continue to be booked in advance for all incoming OSC's.

On December 7, 2012, Logistics is continuing to track lodging needs and updating/cancelling reservations based on cancelled deployments through contact with the Resource Unit. All GSA vehicle needs are also being maintained by Logistics.

## 2.4 Finance Section

### FINANCE

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 12/7/2012 @ 1330 hours:

Region, State	Agreement #, Current Expiration Date	Initial Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01 Expires 12/13/12	10/31/2012	\$400,000.00	\$317,032.82	\$8,342.97	ESF-10 REOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02 Expires 12/10/12	11/2/2012	\$2,000,000.00	\$294,615.15	\$8,183.75	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03 Expires 12/10/12	11/4/2012	\$1,675,000.00	\$346,165.88	\$9,890.45	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04 Expires 03/02/13	11/3/2012	\$3,500,000.00	\$1,277,898.65	\$36,511.39	Direct Federal Assistance for oil/hazmat field ops
Region 2 New Jersey	4086DR-NJ-EPA-05 Expires 12/08/12	11/08/2012	\$1,275,000.00	\$1,003,693.86	\$34,610.13	REOC
Region 2 New York	4085DR-NY-EPA-01 Expires 12/01/12	11/01/2012	\$300,000.00	\$41,318.25	\$1,147.73	Drinking & Wastewater Assistance
Region 2 New York	4085DR-NY-EPA-02 Expires 12/30/12	10/30/2012	\$2,800,000.00	\$1,795,509.96	\$47,250.26	ESF-10 REOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-03 Expires 12/01/12	11/07/2012	\$7,600,000.00	\$3,954,459.48	\$112,984.56	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	4085DR-NY-EPA-04 Expires 12/04/12	11/07/2012	\$3,100,000.00	\$609,251.55	\$18,462.17	Technical Assistance for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-05 Expires 12/05/12	11/09/12	\$75,000.00	\$3,569.00	\$127.46	Dewatering Ops



Region 10	0	0	0	0	0	0	0	0	0	0	0
HQ	0	0	0	0	0	0	0	1	0	1	
ERT	0	0	0	0	0	0	0	4	1	5	
CMAT	0	0	0	0	0	0	0	1	0	1	
Total by job title	20	1	0	0	0	0	1	10	2	34	

## 5. Definition of Terms

### Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

## 6. Additional sources of information

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

### ADDITIONAL INFORMATION:

Steve Touw has been designated as the Recovery Coordinator for the region's transition from Response to Recovery for Hurricane Sandy. In this role, he will serve as a conduit between the FEMA Federal Disaster Recovery Coordinator and Officer and the Recovery Support Function (RSF) Field Coordinators at the NJ and NY JFO's, and the EPA Regional staff who will be assigned to the respective RSFs. Under the National Disaster Recovery Framework (NDRF), there are six RSFs: Community Planning and Capacity Building, Economic Recovery, Health and Social Services, Housing, Infrastructure Systems, and Natural and Cultural Resources.

To date, the Recovery Coordinator and the ESF-10 reps at the JFO's have established initial contacts with the FDRC and FDRO for NJ; the RSF Field Coordinators for Housing and Infrastructure Support in NJ; and the RSF Field Coordinators for Infrastructure and Natural and Cultural Resources in NY.

On 11/29, the Recovery Coordinator, along with representatives from the Clean Water Division, participated on a conference call for the NJ Infrastructure Systems RSF. On the call, it was mentioned that for the first time, FEMA Mitigation Assessment Teams will include wastewater treatment plants in their assessment activities.

On 12/4, the Recovery Coordinator and ESF-10 rep attended the kick-off meeting for the Housing RSF at the NJ JFO. While the primary focus of this meeting was on immediate, short-term housing issues, the FDRC did comment that throughout the recovery process, they will be looking across the spectrum of all the RSFs for opportunities for smart growth, sustainability, and disaster-resistant communities.

Efforts will continue to establish contacts with the remaining RSF Field Coordinators, and to ensure a seamless transition from EPA's response activities to recovery initiatives.

**WEBSITE:** <http://www.epaosc.org/HurricaneSandy>

### **INSTRUCTIONS FOR EPAOSC.NET:**

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: [www.epaosc.net](http://www.epaosc.net), click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

### **FlexViewer :**

**WEBSITE:** [http://www.epa.gov/geospatial/ermaps/Region2\\_HurricaneSandy/](http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/)

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC

732-906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Coordinator (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Coordinator (DRIC) for NY, Bonnie Hriczko	908-420-4450
Deputy Regional Incident Coordinator (DRIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Coordinator (DRIC) for NJ, Kelli Lucarino	908-421-2628
NY JFO (Queens), Ellen Banner, OSC	908-420-4462

NJ JFO (Middletown), Carl Pellegrino, OSC	908-420-4462
Recovery Support Function Coordinator, Steve Touw	908-420-4458

#### REPORTING SCHEDULE

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

**Situation Reports will be generated on December 10, 12, 14, 21, and 28, 2012. Following this, SITREPS will be generated every Friday.**

#### 7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at [www.epaossc.org/HurricaneSandy](http://www.epaossc.org/HurricaneSandy).